

**ABSTRACT OF THE DISCLOSURE****NO<sub>x</sub> Treated Mixed Metal Oxide Catalyst**

A catalyst comprising a mixed metal oxide is useful for the vapor phase oxidation of an alkane or a mixture of an alkane and an alkene to an unsaturated carboxylic acid and for the vapor phase ammoxidation of an alkane or a mixture of an alkane and an alkene to an unsaturated nitrile.